

Abstract

A toner for developing electrostatic latent images comprising a colored resin particle containing a binder resin, a colorant and a parting agent, and an external additive, wherein a volume average particle diameter (D_v) is 4 to $10\mu\text{m}$ and an average circularity is in the range of 0.93 to 0.995; an arithmetic average roughness R_a of a surface of the toner is in the range of 0.05 to $0.3\mu\text{m}$; a 10-point average roughness of the surface of the toner is in the range of 0.5 to $2.5\mu\text{m}$; an angle of repose is in the range of 10 to 35° ; and a transformation ratio of the toner applied with a pressure of 1mN/mm^2 for 5 seconds by means of a microcompression tester is 20% or less. The toner has an excellent balance between offset and low-temperature fixing performance and an excellent shelf stability when used in a high-printing speed printer. And, by using the toner, an image can be formed without deteriorating image quality by environmental change, and excellent cleaning ability can be provided.